

# OXOID PRODUCT SPECIFICATION

## TBX MEDIUM – TRYPTONE BILE X-GLUCURONIDE

BO0194M

### Typical Formula

	grams per litre
Tryptone	20.0
Bile salts No. 3	1.5
Agar	15.0
X-glucuronide	0.075

### Preparation

Suspend TBX medium (36.6 grams / litre) in de-ionised water. Bring to the boil to dissolve completely. Cool and dispense 100ml into final containers, 125ml sirop bottles. Autoclave at 121°C for 15 minutes. When cool, label bottles and pack in units of 10 into labelled boxes.

### Format

Ten sirop bottles with screw cap closures in a box.

### Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

### Physical Characteristics

#### Physical Tests

pH	7.2 ± 0.2
Colour	Straw
Clarity	Clear
Fill weight	100.0g + 1.5g

### Packaging and presentation:

General appearance of pack and label should be satisfactory. Label data should be correct.

### Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

### Microbiological Tests Using Optimum Inoculum Dilution

(Microbiology is conducted after the agar has been melted and poured into Petri dishes)

### Results after incubation at 42 - 46°C for 18-24 hours .

#### Positive control

Inoculum 10-100 colony forming units.

<i>Escherichia coli</i>	ATCC® 25922	Blue / Green colonies.
<i>Klebsiella pneumoniae</i>	ATCC® 29665	Straw colonies.

Colony counts shall be equal to or greater than 50% of the control medium.

### Storage conditions

Store away from the light between 2 - 25°C.